

ROC 244

# Virginia Western Community College

## ROC 244

### Professional Seminar

#### **Prerequisites**

All Radiation Oncology Core Courses

#### **Course Description**

Designed to correlate all major Radiation Oncology subject areas in preparation for national certification.

**Semester Credits: 3**

**Lecture Hours: 3**

**Lab/Clinical/Internship Hours: 0**

#### **Required Materials**

##### **Textbook:**

Levy, Leia (2011). *Mosby's Radiation Therapy Study Guide and Exam Review*. Elsevier Inc., ISBN: 978-0-323-06934-2

Vann, A. M., Arazie, J., Sutton, M. (2010). *Radiation therapy essentials board preparation tool*. RadOnc Publications. ISBN: 978-0-615-41665-6

Internet access required

**ASRT 1 year student membership** - Go to [www.asrt.org](http://www.asrt.org) and sign up for a student membership. (\$35)

#### **Course Outcomes**

**At the completion of this course, the student should be able to:**

1. Correlate previously learned concepts.
2. Apply test-taking skills in preparation for the certification exam.

## Topical Description

### Course Outline:

Class Time	Reading	Assignments & Due Dates
Introduction/Class Expectations/Pathways ARRT Video-Ethics	Mosby's-Chapter 1 2021 ARRT Radiation Therapy Handbook-pgs. 5-13 (located under Course Documents tab in BB)	Review for Patient Care Unit
Patient Care/Education *Patient Care Quiz	Mosby's Chapter 8 (be sure to review questions at the end of the chapter) Radiation Therapy Essentials pgs. 84-108	Complete Mosby's Patient Care Study Session-submit 10 missed questions from the session
Mock Exam 1-Patient Care	No Class	Complete Exam 1 in the ASRT Radiation Therapy Student Exam Assessment Library (SEAL)-post best results in BB (screen shot)
Treatment Delivery ARRT Video-Applying for Certification	Mosby's Chapter 7 (review questions at the end of the chapter) 2021 ARRT Radiation Therapy Handbook pgs. 6-36	Complete Mosby's Treatment Delivery Study Session -submit 10 missed questions from the exam
Treatment Delivery *Treatment Delivery Quiz	Washington & Leaver-Chapters 7 & 8 Radiation Therapy Essentials pgs. 106-115, 138-162	Review the first 75 questions in the back of the Radiation Therapy Essentials Book-no work to be turned in
Mock Exam 2-Treatment Delivery	No Class	Complete Exam 2 in the ASRT Radiation Therapy Student Exam Assessment Library (SEAL)-post best results in BB (screen shot)
ASRT-Staging Study Tool Clinical Concepts-Pathology ARRT Video-CQR	Mosby's Chapter 2 (review questions at the end of the chapter) Radiation Therapy Essentials pgs. 8-45	Complete Mosby's Clinical Concepts Study Session-submit 10 missed questions from the exam
Clinical Concepts-Pathology *Clinical Concepts Quiz	Mosby's Chapter 9 (review questions at the end of the chapter)	Review Questions 76-150 in the back of the Radiation Therapy Essentials Book-no work to be turned in
Mock Exam 3-Clinical Concepts/Pathology	Interviewing and Resume Skills	Complete Exam 3 in the ASRT Radiation Therapy Student Exam Assessment Library (SEAL)-post best results in BB (screen shot)
Radiation Protection & Quality Improvement	Mosby's Chapters 5 & 6 (review questions at the end of the chapters) Radiation Therapy Essentials pgs. 56-72	Complete Mosby's Radiation Protection and QA Study Session-submit 10 missed questions from the exam
Radiobiology & Physics ASRT Module-Radiobiology & Physics	Mosby's Chapter 3 & 4 (review questions at the end of the chapters)	Review Questions 180-220 in the back of the Radiation Therapy Essentials Book-no work to be turned in

ARRT Video-What to Expect on the Exam Day Radiation *Protection/QI/Radiobiology/Physics Quiz	Radiation Therapy Essentials pgs. 48-51, 74-82 2021 ARRT Radiation Therapy Handbook pgs. 37-56	
Mock Exam 4-Radiation Protection/QI/Radiobiology/Physics	No Class	Complete Exam 4 in the ASRT Radiation Therapy Student Exam Assessment Library (SEAL)-post best results in BB (screen shot)
Treatment Planning ARRT Video-Exam Security *Treatment Planning Quiz	Mosby's Chapter 7 (review questions at the end of the chapter) Radiation Therapy Essentials pgs. 106 &107, 116-137, 161-167	Complete Mosby's Treatment Planning Study Session-submit 10 missed questions from the exam  Review Questions 151-179 in the back of the Radiation Therapy Essentials Book-no work to be turned in
Mock Exam 5	No Class	Complete Exam 5 in the ASRT Radiation Therapy Student Exam Assessment Library (SEAL)-post best results in BB (screen shot)
Final Mock Exam		Review the Mosby's Exam Session to help prepare for the final exam

### Assignments:

- Due on Mock Exam days (on campus)
- Reading Assignments
- Review Mosby's Study Session (accessed online) for each topic
  - Write down/copy/print **10** question that you missed and give a reference where correct answer can be found
- Answer questions and turn in answer sheet to the end of chapter questions in Mosby's
- Answer take home mock exams (either hardcopy or Canvas)
- Prepare a resume
- Take Mosby's Exam Session and print results to turn in